

**What is claimed is:**

1           1.    An injection molding method for a mold having a  
2   first cavity and a second cavity, comprising the steps  
3   of:

4           (a) hardening a plastic film;

5           (b) placing the plastic film in the first cavity;

6           (c) injecting a molten first plastic material into  
7           the first cavity to attach the plastic film  
8           onto the surface of the first plastic material,  
9           such that the plastic film and the first  
10          plastic material combine to form a first  
11          object;

12          (d) separating the first object from the first  
13          cavity;

14          (e) placing the first object in the second cavity;

15          (f) injecting a molten second plastic material into  
16          the second cavity to combine the first object  
17          with the second plastic material to form a  
18          second object; and

19          (g) separating the second object from the second  
20          cavity.

1           2.    The injection molding method as claimed in  
2   claim 1, wherein the plastic film and the first plastic  
3   material are composed of a same plastic material.

1           3.    The injection molding method as claimed in  
2   claim 1, wherein the plastic film and the first plastic  
3   material are transparent.

1           4.    The injection molding method as claimed in  
2           claim 1, wherein the second plastic material is colored.

1           5.    The injection molding method as claimed in  
2           claim 1, wherein the plastic film in the step (a) is  
3           hardened by means of a chemical soaking method.

1           6.    The injection molding method as claimed in  
2           claim 1, further comprising a step between the steps (d)  
3           and (e):

4                turning the mold to locate the second cavity in a  
5                position corresponding to the first object.